

Abstract

A pressure sensor is described, the pressure sensor having a pressure sensor element (10), the pressure sensor element (10) having a diaphragm area (12) and a first fixing area (14), the pressure to be measured exerting a force action (11) on the diaphragm area (12), the first fixing area (14) being connected to a second fixing area (22) of a fixing element (20) to fix the pressure sensor element (10), and the first fixing area (14) and the second fixing area (22) being pressure-loaded by the force action (11).